Avtex

TFT-LCD TV

W150T

USER MANUAL

READ CAREFULLY
BEFORE OPERATION

IMPORTANT SAFETY INSTRUCTIONS

TO PREVENT ELECTRICAL SHOCK. DO NOT REMOVE THIS COVER. NO USER- SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.

This symbol indicates important instructions accompanying the product.

Please read this manual carefully before using this product.

- Before connecting the AC power cord to the DC adapter outlet ,make sure the voltage designation of the LCD TV corresponds to the local electrical supply . If you are unsure of your power supply , ask your local power company .
- Never insert anything metallic into the cabinet openings of the LCD TV; otherwise may cause the danger of electric shock.
- To avoid electric shock, never touch the inside of the LCD TV / adapter. Only a qualified technician should open the case of the LCD TV/adapter.
- Never use your LCD TV/adapter when the power cord has been damaged . Make sure there is nothing resting on the power cord, and keep the cord away from places where people can trip over it .
- Be sure to hold the plug, not the cord when disconnecting the adapter from an electric socket.
- Openings in the LCD TV/adapter cabinet are provided for ventilation. To prevent overheating, these openings should not be blocked or covered. Also, avoid using the LCD TV on a bed ,sofa ,rug, or other soft surface. As this, may block the ventilation openings in the bottom of the cabinet. If you put the LCD TV in a bookcase or some other airless space, be sure to provide adequate ventilation.
- Do not expose the LCD TV to extreme temperature conditions or to extreme humidity conditions.
- The apparatus should not be exposed to dripping or splashing and no objects filled with liquids, such as vases, should be placed on the apparatus.

IMPORTANT SAFETY INSTRUCTIONS

- Do not clean the front with keton-type materials (e.g.Acetone),ethyl alcohol, toluene, ethy lacid, methyl, or chloride-these may damage the panel.
- Locate your DC adapter near an easily accessible AC outlet.
- If your LCD TV does not operate normally in particular, if there are any unusual sounds or smells coming from it， unplug it immediately and contact an authorized dealer or service center.
- High temperature can cause problems. Don't use your LCD TV in direct sunlight, and keep it away from heaters, stoves, fireplaces, and other sources of heat.
- Unplug the DC adapter when it is going to be left unused for a long time .
- To reduce the risk of fire or electric shock, and annoying interference, use the recommended accessories only.
- If the LCD TV is broken, do not try to repair it yourself. Contact qualified service personnel.
- Unplug your DC adapter from the AC outlet before any service.
- Be sure the service technician uses authorized replacement parts or their equivalents. Unauthorized parts may cause fire, electrical shock, or other hazards.
- Following any service or repair, be sure the service technician performs safety checks to certify that your TFT-LCD TV is in a safe operating order.
- The apparatus with CLASS I construction shall be connected to a MAINS socket outlet with a protective earthing connection.

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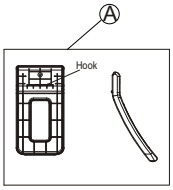
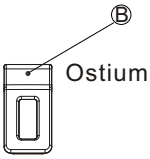
INSTALLATION

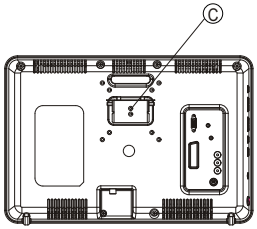
NORMAL INSTALLATION



Kickstand



M4×10
Screw 1pcs

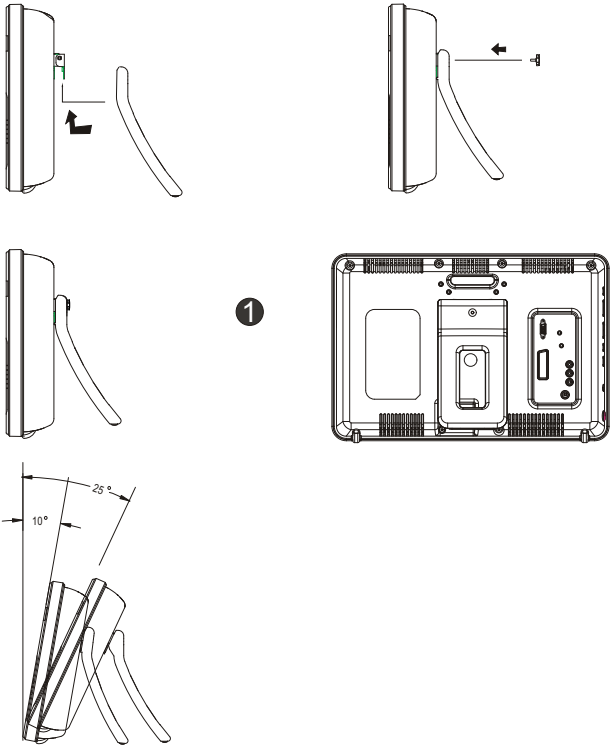


Rear viewing of LCD TV

1, Hook the tache (labeled A) of the kickstand onto the plate (labeled C).

2, Tighten the screws (M4×10) through the ostium (labeled B).

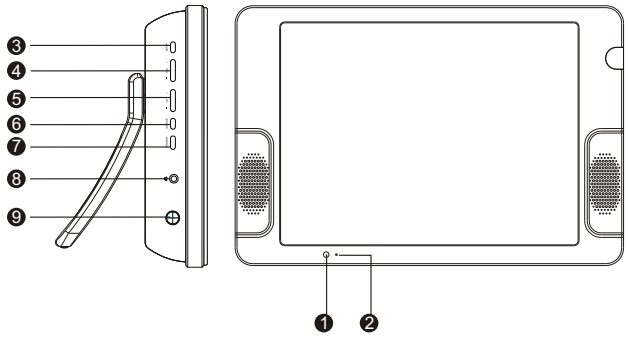
3, Figure ❶ shows the finished installation. The kickstand can rotate 15 -degree.



❶

PANEL BUTTON FUNCTIONS

PANEL CONTROL



Front panel

❶ IR sensor window

❷ Indicator(Indicator is red when in standby mode, green when working normally.)

Left panel

❸ **SETUP** (Enter or exit setup menu)

❹ **VOL+/-**(Increase or decrease volume)

❺ **CH+/-** (Increase or decrease channel number)

❻ **SOURCE** (Enter to exit source menu)

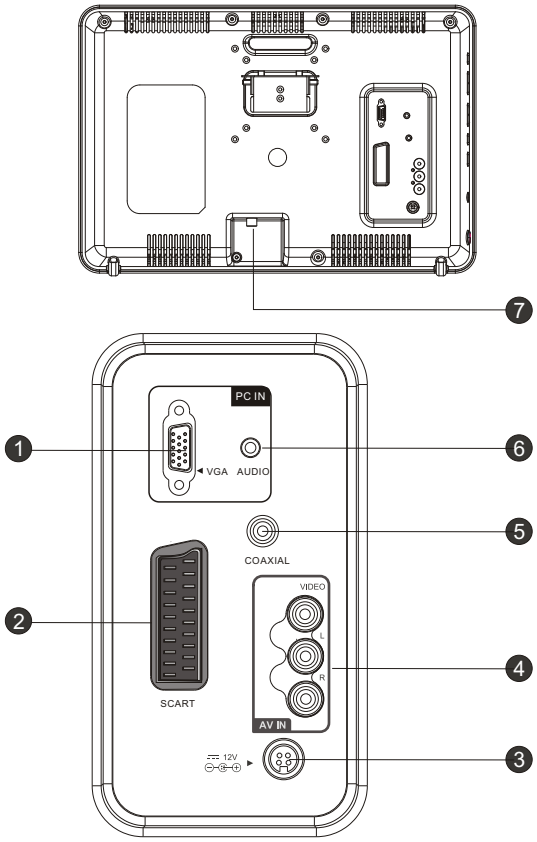
❼ **STANDBY** (To switch between standby mode and power-on mode)

❽ Headphone jack

❾ **POWER**(Turns on or off the power supply).

PANEL BUTTON FUNCTIONS

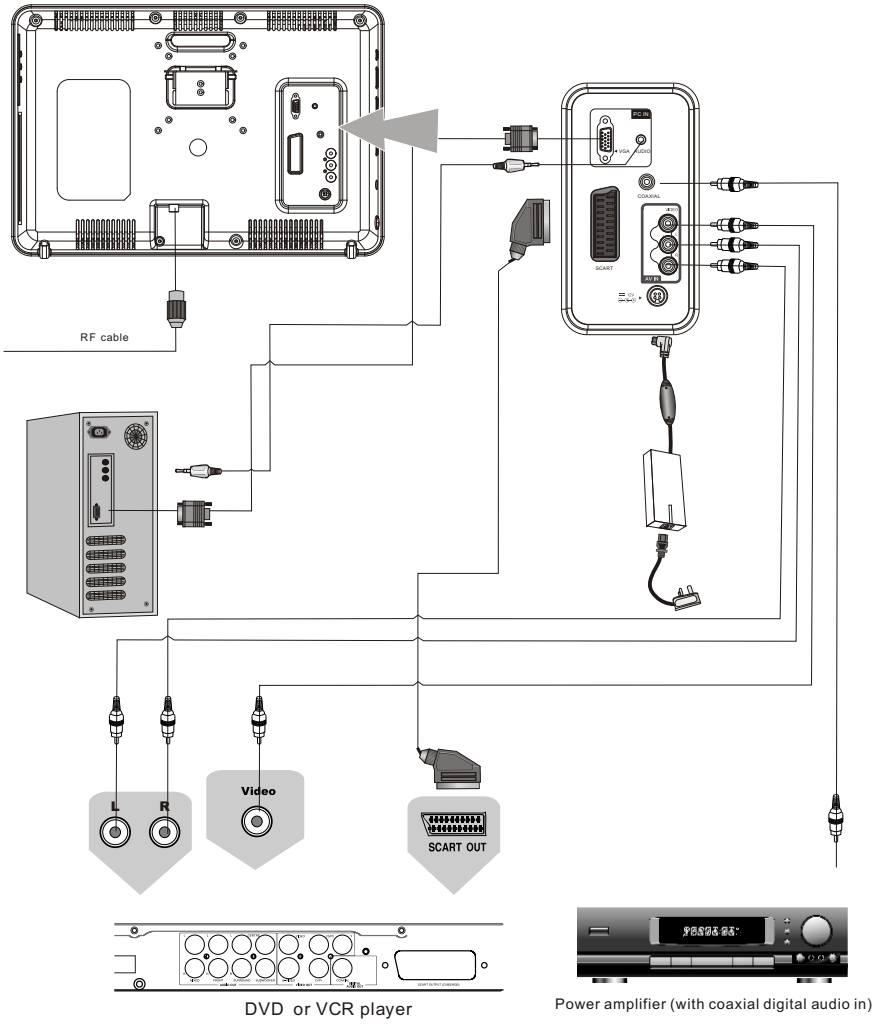
REAR PANEL



1. VGA input terminal
2. SCART input terminal
3. 12V DC input terminal
4. Composite video/audio input
5. Coaxial digital audio output
6. PC audio input
7. RF input terminal

EXTERNAL EQUIPMENT

CONNECTING DIAGRAM

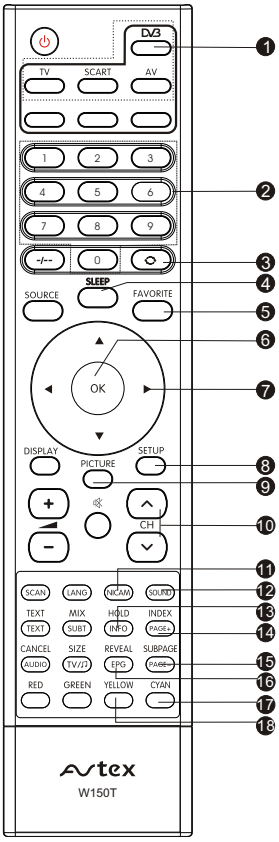


NOTE

You should connect all interconnecting cables BEFORE plugging in the power cord.

REMOTE CONTROLLER

REMOTE BUTTONS



❶ **Direct source buttons**
Select signal source directly: TV, DVB, AV, SCART.

❷ **Number button**
To select program number.

❸ **RETURN**
To exchange channel between the previous program and the current program in TV and DVB mode.

❹ **SLEEP**
To set the sleep timer.

❺ **FAVORITE**
Display your favorite channel list in DVB mode.

❻ **OK button**
To confirm the selections.

❼ **Left/Right cursor(menu adjustment)**
To move leftward/ rightward or adjust the selected item in the menu, or adjust sound volume (invalid in DVB mode).

❽ **SETUP**
Enter or exit setup menu.

❾ **PICTURE**
To select different picture modes: User, Standard, Dynamic, Soft.

❿ **CHANNEL+/-**
To increase or decrease program number in TV/DVB mode.

⓫ **NICAM**
Switch in NICAM,A2 and mono channel (It is effective in TV signal input with NICAM or A2 function).

⓬ **SOUND**
To select different sound field modes: User, Music, Film, News.

⓭ **HOLD/INFO**
To stop teletext on current page/To display the language and sound track in DVB mode.

⓮ **INDEX/PAGE+**
To display main content page when playing the teletext /browse the next page of teletext in DVB mode (not support MHEG5).

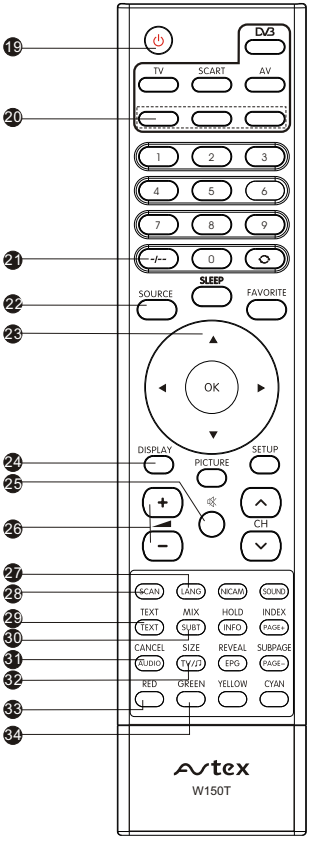
⓯ **SUBPAGE/PAGE-**
To display the subpage of the teletext/browse the previous page of teletext in DVB mode(not support MHEG5).

⓰ **REVEAL/EPG**
Display the hidden teletext information /To display the program guide in DVB mode .

⓱ **CYAN**
CYAN button.

⓲ **YELLOW**
YELLOW button.

REMOTE CONTROLLER



19 STANDBY
To switch between standby mode and power-on mode.

20 No function

21 TWO-DIGIT NUMBER BUTTON
To switch between one or two-digit program number.

22 SOURCE
To select input source: TV, DVB, AV, SCART, VGA.

23 UP/DOWN cursor
To select upward/downward in the menu or change the channel in TV/DVB mode.

24 DISPLAY
To display current source information.

25 MUTE
Sound mute switch.

26 Volume +/-
To increase or decrease sound volume.

27 LANG
To switch the output language in DVB mode.

28 SCAN
Long press the button to start scanning automatically in TV/DVB mode.

29 TEXT/TEXT
To enable or disable the function of teletext.

30 MIX/SUBT
To display TV and teletext in the same time /Selects the subtitle language in DVB mode.

31 CANCEL/AUDIO
To cancel teletext/To change the audio language and sound track in DVB mode.

32 SIZE/TV/♫
To magnify teletext page/To switch between TV and Radio modes in DVB mode.

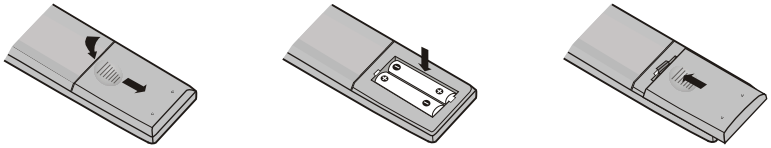
33 RED
RED button.

34 GREEN
Green button.

REMOTE CONTROLLER

BATTERY INSTALLATION

Remove the battery cover. Insert two SUM-4(AAA) batteries matching the -/+ polarities of the battery to the -/+ marks inside the battery compartment, as in the following figure:



BATTERY LIFE

- Generally speaking, the battery may be used for one year, but the battery life is also related to the usage times and remote controller operation.
- If the remote controller is still not operating when very near to the remote sensor window, please replace the battery.
- Please use SUM-4(AAA) battery.

NOTES

- Never use rechargeable battery.
- Never charge, short-circuit, disassemble and heat the battery, or throw it into fire.
- Pay attention not to fall or knock the remote controller, which may cause damage or function failure to it.
- Do not use new and old battery together.
- When not using the remote controller for a long time, please take out the batteries to avoid liquid leakage. Before replacing new batteries, please clean the electrolyte in the remote controller.
- If electrolyte splashes into body, please clean it with water.

CAUTION:

Please put the battery in a place children cannot access. If swallowed by accident, please contact your local doctor immediately.

POWER SUPPLY

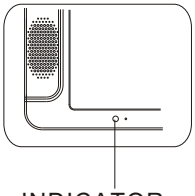
- Please confirm whether the accessories contain the power adapter.
- Please make sure to use power adapter within the specification range, otherwise it will cause damage.
- Use the car adapter in the accessories, connect one end to the socket in you car, the other to the DC socket in the TV.
- The input voltage of the car adapter should be 12Volts.

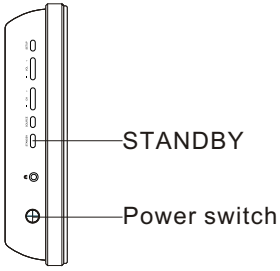
LET'S START

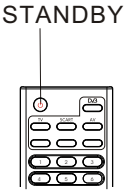
After this unit is well fixed on the desk or on the wall, and the cords are well connected for input and output, what you should do next is:

Firstly, connect the adapter to the LCD TV, and turn on the power switch then the unit will go into standby mode, you can see the indicator turn red.

Secondly, press [STANDBY] key on the left side of the LCD TV or [STANDBY] button on the remote control to make the unit switch into working mode, and you will see the indicator turns green. Now you can enjoy all exciting features of the whole new product.







CHANGE SOURCE OPERATION

You can change the input source by using the source Menu. Press [SOURCE] button or [SOURCE] key to show the menu as follows:

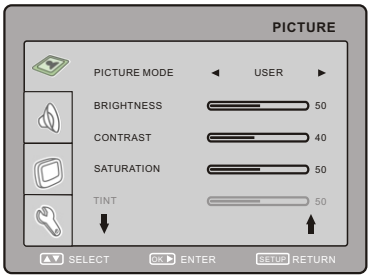
The current source item is highlighted. Press [▲/▼] button on the remote control or [CH+ /CH-] key on the left side of LCD TV to select different source, Press [◀/▶] button, [VOL+ /VOL-] key or [OK] button to confirm your choice.

TV MENU SETUP

This product can store up to 100-channel programs (0～99). You can scan and store all of the channels through manual or automatic scan mode.

In TV mode, press [SETUP] button and the setup menu will show as follows:

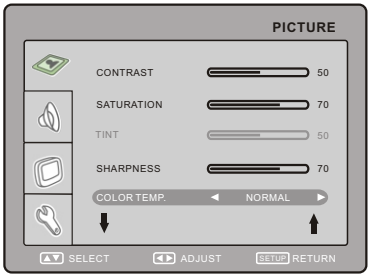
- Pressing [▲/▼] button on the remote control, you can select setup menu sections(setup menu consist of " PICTURE ", " SOUND" , "TV SETUP ", " FUNCTION") . Press [▶] or [OK] button to enter this menu section.
- Press [▲/▼] button on the remote control to select the item, and then press [◀/▶] button to adjust parameters. Press [SETUP] button to return to main menu sections.



PICTURE

Select "" and menu will show as follows:

Press [▲/▼] button to select different items and [◀/▶] button to adjust them.



Item	Description
PICTURE MODE	Can be changed between : "USER ", "STANDARD ", "DYNAMIC " and "SOFT ".
BRIGHTNESS	To adjust brightness.
CONTRAST	To adjust contrast.
SATURATION	To adjust color saturation.
TINT	To adjust picture tint, only valid in N 3.58/N 4.43/PAL60 and display mode with V-scanning frequency equal to 60HZ (please refer to P28).
SHARPNESS	To adjust picture sharpness.
COLOR TEMP.	Select color temperature mode : "NORMAL ", " WARM "and "COOL ".

TV MENU SETUP

NOTE

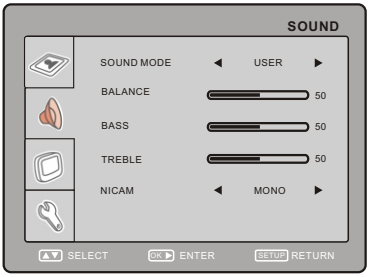
" ⬇⬆ " Means there are more items in this page, you can press [▲/▼] button to select them.

Select "BRIGHTNESS " to adjust it, the sub item will show as follows:
press [◀/▶] button to adjust the value of brightness.

TV MENU SETUP

SOUND

Select " " and menu will show as follows:



- Press [▲/▼] button to select different items and press [◄/►] button to adjust them. The following are the descriptions of the sound item.

Item	Description
SOUND MODE	Can be changed between "USER", "MUSIC" ,"FILM" and "NEWS".
BALANCE	To adjust balance of left and right channels.
BASS	To adjust bass.
TREBLE	To adjust treble.
NICAM	Select the NICAM mode(please refer to the notes).

NOTES

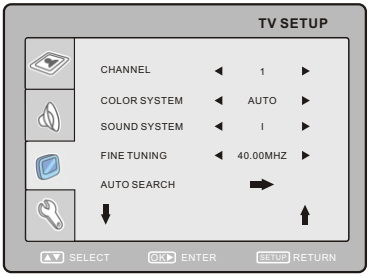
If you can receive Nicam/A2 signal, you can operate as follows to enjoy that.

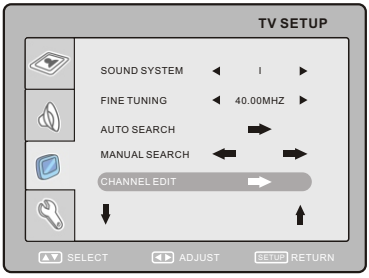
- You can select Nicam stereo, mono channel or bilingual through NICAM button on the remote control. If Nicam/A2 signal is too weak, this unit will switch into mono channel automatically.
- When selecting mono channel, "MONO" will show on screen; when selecting bilingual Ⅰ, "DUAL Ⅰ" will show on screen; when selecting bilingual II, "DUAL Ⅱ" will show on screen and when selecting stereo, " STEREO" will show on screen.
- Nicam/A2 function is only valid in TV mode while current program coming with Nicam/A2 signal.

TV MENU SETUP

TV SETUP

Select " " and TV setup menu will show as follows:





- Press [▲/▼] button to select different items and press [◄/►] button to adjust them.

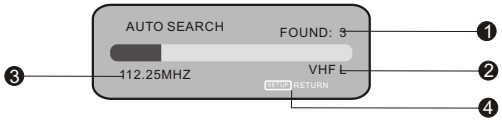
Item	Description
CHANNEL	To change the channel number.
COLOR SYSTEM	Can be changed between: "AUTO", "PAL" and "SECAM".
SOUND SYSTEM	Can be changed between: "B/G","D/K","L" and "I".
FINE TUNING	To adjust the channel frequency accurately to make the sound and picture effect better.
AUTO SEARCH	To scan programs and store all of them automatically.
MANUAL SEARCH	To scan programs manually.
CHANNEL EDIT	To enter a submenu to set channel skip and channel swap. Please refer to the next page.

NOTES

- Which "COLOR SYSTEM" mode and "SOUND SYSTEM" mode to use is related to the local TV broadcasting system.
- If the local system is SECAM L, the color system must be selected as "SECAM" and sound system must be selected as "L".

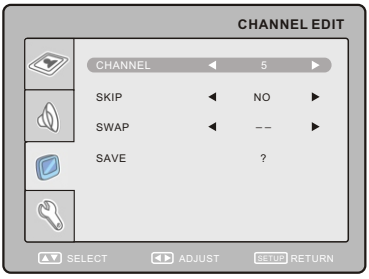
TV MENU SETUP

- Select "AUTO SEARCH " , the searching menu will show as follows:



1. The number of programs have found.
2. The current searching frequency Band, 3 Bands in total: "VHF L" ,"VHF H"," UHF".
3. The current searching frequency.
4. During the searching, you can press [SETUP] button to stop it.

- Select "CHANNEL EDIT " , the menu will show as follows:



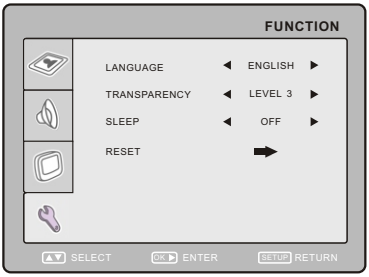
Item	Description
CHANNEL	To select current channel here.
SKIP	To select "YES " or "NO ", you can select "YES " to make current channel unaccessible while using [◀/▶] button to browse channels.
SWAP	Select or enter the channel number directly to swap with current channel.
SAVE	Highlight this option and press the [OK] button to confirm the swap function.

TV MENU SETUP

FUNCTION

You can setup system configuration here.

Press [▲/▼] to select " " item and press [▶] button to enter the following section:



- Press [▲/▼] button to select different items and press [◀/▶] button to adjust them.

Item	Description
LANGUAGE	Set OSD language.
TRANSPARENCY	To adjust transparency of OSD. it can be change from OFF to LEVEL6, 7 levels in total.
SLEEP	To set the sleep timer.
RESET	To reset all value to default.

TELETEXT FUNCTION

Most TV stations provide cost-free teletext information, including the latest news, weather information, TV program list and stock information, etc. You just input the needed teletext page according to the teletext content.

TELETEXT DISPLAY

- Select the channel with teletext signal;
- Press [TEXT] button;
- Select the corresponding page according to the colorized buttons on the remote control;
- Press [TEXT] again and TV screen will display.

PAGE SELECTION

- You can input 3 digital numbers to enter the page you want to watch through number buttons. If the inputted number is invalid, you need to input correct 3 digital numbers again after you finished inputting this 3 digital numbers.
- You can select to turn pages forward or backward through [CH+/-] button.

MIX MODE

This function may let you enjoy TV and teletext information at the same time.

- When a certain teletext page displays, press [MIX] button, TV and teletext information will display on screen at the same time.
- Press [MIX] button again and only teletext image displays.
- In mix mode, the disturbance lines on teletext characters are easy to appear, so you are not recommended to select this mode.

NOTE

Press [CANCEL] button to cancel teletext.

LOCK

You can press [HOLD] button to lock teletext page. Press this button again to cancel locking.

INDEX

Pressing [INDEX] button to display content page.
Enter a certain teletext page through inputting number buttons.

TELETEXT FUNCTION

ZOOM IN TELETEXT

- When teletext page shows, you may double zoom in to display this teletext page;
- Press [SIZE] button to zoom in the upper half part of teletext page;
- Press [SIZE] button again to enter the under half part of teletext page;
- Press this button for the third time to return to original display mode.

DISPLAY MODE

Press [REVEAL] button to display the hidden teletext information. Press this button again to cancel teletext information displaying.

SUBPAGE

User could press [SUBPAGE] button to select to the subpage of teletext.

COLORIZED BUTTONS (RED, YELLOW, GREEN, CYAN)

Select the corresponding teletext page through colorized buttons.

AV and SCART SETUP

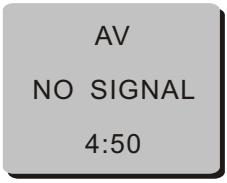
VIDEO SETTING MENU

The menu setup of AV/SCART modes is much the same as that of TV mode, except the " " section is invalid and a bit difference in sound mode. It is not repeated here. You can find it in preceding pages.

NOTE

If no signal input in TV, AV, SCART the screen will show a similar signal to the following figure.

This unit will go into standby mode automatically with no signal input for 5 minutes.



- If the input channel is SCART, this unit will automatically recognise RGB or CVBS signal of SCART; when normal RGB signal appears, this unit will automatically switch into RGB display mode. For this unit is combined by multiple functions, when inserting into SCART socket, it will not automatically switch into SCART mode. You have to select SCART channel through [SOURCE] menu, that is a little difference with that of others TV set.

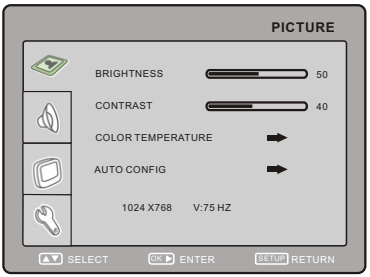
VGA SETUP

With the VGA mode supported up to 1024*768@75Hz, and speakers built in, you can use this unit as a multimedia PC monitor. When this unit works in VGA mode, the following setup can be done.

Press [SETUP] button to enter main section. Press [▲/▼] button to select sections and then press [►] button or [OK] button to enter. If all is done, please press [SETUP] button twice to exit and your setup data will be saved automatically.

PICTURE

Press [▲/▼] button to select "", and press [►/OK] button to enter.

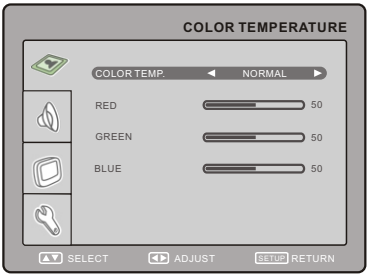


Press [◄/►] button to adjust value of item.

Item	Description
BRIGHTNESS	To adjust brightness of picture.
CONTRAST	To adjust contrast of picture.
COLOR TEMPERATURE	Enter sub menu to adjust color temperature of picture. Press [◄/►/OK] button to enter. (details refer to the next page)
AUTO CONFIG	Auto config horizontal/vertical position, phase and frequency. Press [◄/►/OK] button to activate.
STATUS	The format of the input signal.

VGA SETUP

Here shows the color temperature sub menu.



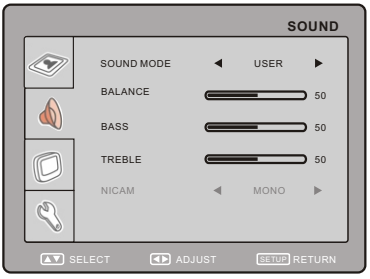
Press [▲/▼] button to select item and press [◄/►] button to adjust the value of the item.

Item	Description
COLOR TEMP.	Select color temperature mode :"USER", "NORMAL", "WARM" and "COOL".
RED	Adjust red value of color temperature.
GREEN	Adjust green value of color temperature.
BLUE	Adjust blue value of color temperature.

NOTE: The "RED", "GREEN" ,"BLUE only can be adjusted in "USER mode.

SOUND

Press [▲/▼] button to select " " and press [► /OK] button to enter.

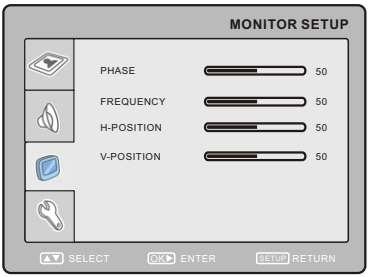


The operation of sound section here is the same as that in TV mode except the NICAM is invalid. Please refer to P11.

VGA SETUP

MONITOR SETUP

Press [▲/▼] button to select " " and press [▶/OK] button to enter.



Press [▲/▼] button to select different items and press [◀/▶] button to adjust.

Item	Description
PHASE	To adjust phase.
FREQUENCY	To adjust frequency.
H-POSITION	To adjust screen horizontal position.
V-POSITION	To adjust screen vertical position.

NOTE

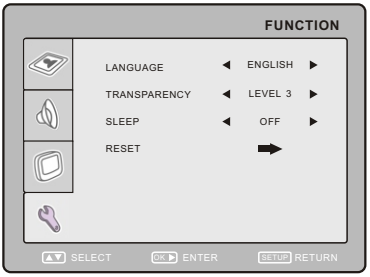
If you use this unit as a PC-monitor, This unit will go into sleep mode with no signal input for in 2 minutes.
In this mode, the indicator will turn red, and the screen is turned off. You can wake it up by waking up your PC .

VGA
NO SIGNAL
1:50

VGA SETUP

FUNCTION

Press [▲/▼] button to select " ", and press [►/OK] button to enter.



Press [▲/▼] button to select different items and press [◄/►] button to adjust .

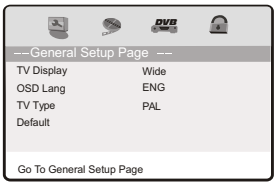
Item	Description
LANGUAGE	Select OSD language.
TRANSPARENCY	To adjust transparency of OSD. it can be change from OFF to LEVEL6, 7 levels in total.
SLEEP	To set the sleep timer.
RESET	Reset all value that related to picture and sound to default .

DVB FUNCTION SETUP

Turn on the TV, press [SOURCE] button to change source to DVB, then you can enjoy the rich and colorful contents of Digital Video Broadcast!

In DVB mode, press [SETUP] button, then press [◀/▶] button to choose DVB item, the DVB setup menu will be introduce as follow:

GENERAL SETUP



1. TV Display: This item is used to set the output picture ratio of this unit.

- Optional settings: Normal/PS, Normal/LB, Wide, Wide Squeeze; Default: Wide.

2. OSD language: This item is used to set the OSD language .

- Optional settings: English; Default: English

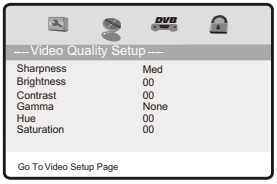
3. TV Type: To set the output video system of this player.

- Optional settings: PAL, Auto, NTSC; Default: PAL.

4. Default: This item is used to restore all settings to the default value except "Parental control" and "Password" in the setup menu.

NOTE: Please don't do any operation during setting the value to default, or the unit may work abnormally.

VIDEO SETUP



1. Sharpness: This item is used to set the sharpness of video outputs.

- Optional settings: High, Medium, Low; Default: Med.

2. Brightness: This item is used to set the brightness of video outputs.

3. Contrast: This item is used to set the contrast of video outputs.

4. Gamma: This item is used to set the color temperature of video output.

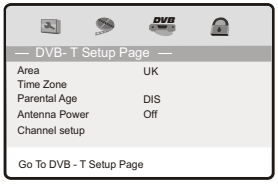
- Optional settings: High, Medium, Low, None ; Default: None

5. Hue: This item is used to set the hue of video outputs.

6. Saturation: This item is used to set the saturation of video outputs.

DVB FUNCTION SETUP

DVB-T SETUP



The DVB-T Setup Page is composed of five parts: Area, Time Zone, parental Age, Antenna power, Channel Setup.

Note : Press [▲/▼] button to select different item, and press [OK] or [▶] button to enter it. Press [◀] button to return to the previous menu or to exit the current menu .

1. Area

You can choose the area of your country.

Optional settings: Australia, Austria, Belgium, Denmark, Estonia, Germany, Spain, France, Italy, Netherland, Taiwan, UK ,Others, Default: UK.

Note : you must set the correct area before searching channels.

2. Time zone

To choose your time zone, it is set depending on your country. If you dont know the exact time, please ask local time manage department.

Default: 00:00

3. Parental age

This item is used to set the parental control ratings .To prevent your children watching undesired programmes.

Optional settings: 4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,Disable

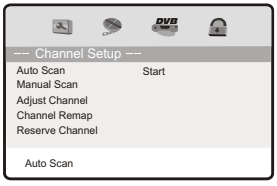
Default: Disable

4. Antenna power

Turn on/off antenna power supply, optional settings: On, Off; Default: Off.

5. Channel setup

This item is used to search channels, edit the channel list or your favourite channel list, view program guide information, etc.



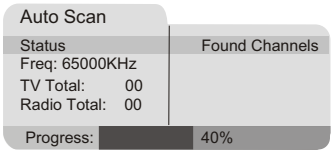
- **Auto Scan**

Connect the antenna to the RF socket on the TV as follows, then you can automatically search channels without entering any other information.

DVB FUNCTION SETUP

In the scan process, the scan result will be displayed in the Auto Scan window.

- Press [SCAN] on remote control more than 3 seconds to auto scan.
- Using the [▲/▼] button to select the Auto Scan item, and press [OK] or [►] button to select Start item, then press [OK] button;



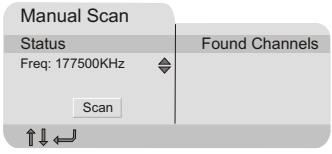
A prompting message will be displayed to request that you confirm, select OK and press the [OK] button to confirm.

Note: If you press the [SETUP] button during scanning, the operation is stopped and a prompting message will be displayed at the bottom of Auto Scan window. Select "OK"and press [OK] button to abort auto scan operation, and the channels found until then will be saved. And select "Cancel" and press [OK] button to return to auto scan process.
Wait while the TV searches for the channels, this may take a few minutes.
Once you press [OK] button to start auto search operation, all the saved channels will be cleared.

- **Manual scan**

You can scan channels manually by setting scan parameters.

1. In setup menu, select "Manual Scan" item using the[▲/▼]button, and press [OK] or [►] button to select Start item, then press [OK] button.
2. Use [▲/▼] button or enter you desired frequency to search directly.
3. Select Scan item to start manual scan operation.
4. The scan result will be displayed on the manual scan window, you can save the found channels or delete them if the TV has the same program.



- **Adjust channel**

You can set your favorite channel, set parental control age for some channels or skip channel in Adjust Channel window.

1. Select channel using [▲/▼] button , Press [RED] button to set this channel as one of your favorite channels.
2. Select channel using [▲/▼] button , if you don't like this channel press [GREEN] button to skip it.
3. Select channel using [▲/▼] button, press [YELLOW] button to set this channel as a protected one, to prevent children dialog from watching the undesired program.

Note: If the password mode is set to be On, when you set a channel protected, a password will be needed to inputted in the Protect Channel window. The default password is **000000**.

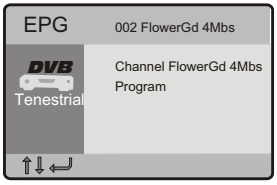
- **Channel Remap**

You can change every channel position as you like in channel remap window.

DVB FUNCTION SETUP

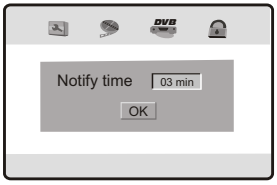
- **Reserve Channel**

If you want to watch a special program on a channel at a later time, you can reserve it. Then a reminding signal will be displayed on screen several minutes before it starts.



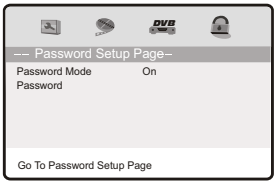
Press [EPG] button, then a program information list of current channel will be displayed in a window, move the cursor to PROGRAM, then press [OK] button, a more detailed program list will be displayed, move the cursor to the program which you want to watch, then press [OK] button ,the program is saved in your reserved channel.

You can set the time when the reminding signal should be displayed before the program starts.



PASSWORD SETUP

Password : This item is used to set a six digit password to enable you to change the parental control ratings or the protected channels..



- Password Mode: To set whether parental control function or protected channels needs a password, optional setting: On, Off; Default: On.
- Password: To change the password, default :**000000**.

TROUBLESHOOTING

Please check for causes of problems in accordance with the following chart before contacting maintenance personnel.

DISPLAY TROUBLESHOOTING

Symptom	Causes and Correction
Black screen, power indicator light off	◆ Check whether the power cord is well connected, and whether this unit is powered on
	◆ Check whether the signal cord of input device is well connected ◆ Check whether input device is powered on
Image display flicker, unstable	◆ Check whether the input device signal is in this unit's specification
	◆ Check computer output mode: control panel-display-setup ◆ If the setup does not accord with this unit's specification, please change the display setup
	◆ Horizontal scanning frequency: 30kHz~75kHz ◆ Vertical scanning frequency: 50 Hz~75Hz ◆ Max display mode: 1024X768@75 Hz

SOUND AND TV TROUBLESHOOTING

Symptom	Causes and Correction
Cannot power on	◆ Please make sure the power cord is correctly connected
No sound	◆ Please make sure the audio cord is correctly connected
	◆ Check volume
	◆ Make sure there is nothing plugged into the headphone jack
Volume too low	◆ Check volume
	◆ If volume is still too low when adjusting volume to maximum, please check whether the input device is correctly
Snowy picture	◆ Please make sure the antenna is well connected
Remote control failure	◆ Check whether remote control battery is full charged ◆ Whether battery installation is correct ◆ Whether obstacles exists between remote control and the unit's receiving window ◆ Check whether receiving window has strong light

SPECIFICATIONS

Panel	Type Class Size Display Size (mm) Pixel Pitch (mm) Response time (ms) Brightness (Cd/m²) Contrast ratio Viewing Angle (H) Viewing Angle (V) Panel Life (Hours)	TFT color II (ISO 13406–2) 15” 304. 1 (H) x 228.0(V) 0.297 (H) x 0.297 (V) 16 250 450:1 120 100 50 000
Frequency	Vertical Horizontal Display Color	50 Hz – 75 Hz 30 kHz– 75 kHz 16.7 M
Inputs	Video Composite VGA SCART Audio Stereo	 1 1 1 1
Outputs	Audio Headphone Digital Coaxial	 1 1
Color Systems	TV tuner Video inputs	PAL, SECAM PAL, SECAM, NTSC 3.58, NTSC 4.43, PAL60
Sound Systems	TV tuner	DK, I, BG, L
Power adapter	Input	~ 100 V – 240 V; 50/60 Hz
	Output	⎓ 12 V, 4.5 A
Power	Normal Standby mode	35 W Less than 3 W
Environmental Consideration	Operating Temperature Operating Humidity Storage Temperature Storage Humidity	+5°C…+35 °C 10% – 80% –20°C…+45 °C 5% – 95%
DVB	Input connector Frequency range (VHF/UHF) Channel range(VHF/UHF)	IEC-Type, IEC 169-2, Female 174MHz~858MHz 7 & 8 Mhz
Dimensions (W x H x D)	438.7 mm x 163.1 mm x 295.7 mm	
Net Weight	5.1 kg	

- These items are depended on the TFT panel, Design and specification are subject to change without notice.

DISPLAY MODE

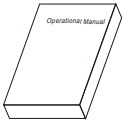
SUPPORTED PC INPUT MODE				
Resolution	Hor scanning frequency (KHz)	Ver scanning frequency (Hz)	Pixel frequency (MHz)	Format
640×350	31.5	70.0	25.17	DOS
720×400	31.5	70.0	28.32	DOS
640×480	31.5	60.0	25.18	DOS
640×480	37.9	72.0	31.50	VESA
640×480	37.5	75.0	31.50	VESA
800×600	35.1	56.2	36.00	VESA
800×600	37.9	60.0	40.00	VESA
800×600	48.1	72.0	50.00	VESA
800×600	46.9	75.0	49.50	VESA
1024×768	48.4	60.0	65.00	VESA
1024×768	56.5	70.11	75.00	VESA
1024×768	60.0	75.0	78.75	VESA

NOTES

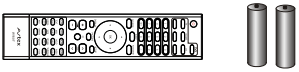
- This product does not support the display mode not listed above. In order to achieve the best display effect, please select the above-listed 12 display modes input signal.
- Because of the difference of display card output signal (especially non-standard signal output), the display image may appear little disturbance which can be adjusted through " AUTO CONFIG " in the "PICTURE" menu by users.
- To prolong this unit's service life, you are suggested to use power management function of computer.

ACCESSORIES

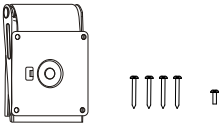
Please check the following accessories.



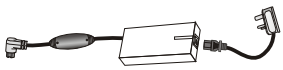
User manual



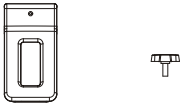
Remote control and battery



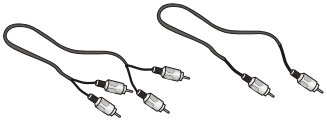
Wall Mount Holder Kit (optional)



Power adaptor



Kickstand Kit



AV cord

Automotive Power socket adapter